

CGA

Native Human Chorionic Gonadotropin Alpha Subunit

Catalog No.	CSI20331A CSI20331B	Quantity:	100 ug 1 mg
Alternate Names:	Glycoprotein hormones alpha chain, alpha-hCG, Chorionic gonadotrophin subunit alpha, CG-alpha (FSH-alpha, LH-alpha, TSH-alpha)		
Description:	<p>Native Alpha-Human Chorionic Gonadotropin Alpha subunit is a hormone normally found in the blood and urine during pregnancy.</p> <p>The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity.</p>		
UniProt ID:	P01215		
Gene ID:	1081		
Source:	Human pregnancy urine		
Molecular Weight:	14.9 kDa		
Formulation:	Lyophilized from 50 mM ammonium bicarbonate		
Purity:	≥ 95% by SDS-PAGE		
Extinction Coefficient:	$A_{280}, E^{0.1\%} = 0.43$		
Reconstitution:	Reconstitute using neutral pH buffer of choice, avoiding extreme high and low pH.		
Storage & Stability:	Store lyophilized product at -20°C for at least 1 year.		
Infectious Disease Statement:	Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV and HBsAg by FDA approved methods.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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